



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ernst Muellner et al.
Appl. No.: 09/941,082
Conf. No.: 5767
Filed: August 28, 2001
Title: CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER
FUNCTION
Art Unit: Unknown
Examiner: Unknown
Docket No.: 112740-298

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Commissioner for Patents
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Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal of Information Disclosure Statement in duplicate;
2. IDS, PTO 1449, references; and
3. return receipt postcard.

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on June 9, 2003.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Robert Fuccieri

Name of Person Mailing Correspondence

Signature

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112740-298

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#6
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07-02-03

In Re Application Of: Ernst Muellner et al.



Serial No.
09/941,082

Filing Date
August 28, 2001

Examiner

Group Art Unit

Title: **CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER FUNCTION**

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Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

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37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(e))

Docket No.
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In Re Application: Ernst Muellner et al.

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Group Art Unit

CLOCK AND DATA REGENERATION WITH DEMULTIPLEXER FUNCTION**RECEIVED**
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(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. A duplicate copy of this sheet is enclosed.
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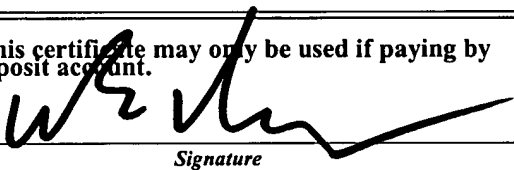
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Signature

Dated: June 9, 2003

William E. Vaughan (Reg. No. 39,056)
Bell, Boyd & Lloyd LLC
P.O. Box 1135
Chicago, Illinois 60690-1135

CC:



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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
DE 197 17 586 C1		Germany

OTHER DOCUMENTS

IEEE Journal of Solid State Circuits, Vol. 34, No. 9, September 1999, pages 1320-1324.

German DE 197 17 586 C1 relates to a clock and data recovery circuit for high data rate which has first and second flip-flop stages which provide parallel data streams with half data rate of input data signal, two EXOR gates controlled by a third D-Flip-flop stage and a subtractor whose output controls an oscillator.

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY


William E. Vaughan

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P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (312) 807-4292

Dated: June 9, 2003



**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

PTO Form 1449

Atty Docket No. 112740-298	Application No. 09/941,082
Applicant Muellner et al.	
Filing Date 8-28-01	Group

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate

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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publicati on Date	Country	Class	Subclass	Translation	
						Yes	No
	DE 197 17 586 C1		Germany				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner's Initials	
	IEEE Journal of Solid State Circuits, Vol. 34, No. 9, September 1999, pages 1320-1324

Examiner:	Date Considered:
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	